Subject Index to Volume 54 (2006)

05 Book Reviews

SOUND IDEAS: Acoustical Consulting at BBN and Acentech by Deborah Malone and Eric W. Wood - Gregory C. Tocci: **54**(1), 56-57.
Vibration and Sound by Philip M. Morse - Honey L. Walters: **54**(1), 58.

08 Noise programs

A global approach to noise control policy: Part 3:Community noise - William W. Lang and Tjeert ten Wolde: **54**(5), 309-335.
A global approach to noise control policy: Part 1: General - William W. Lang and Tjeert ten Wolde: **54**(5), 290-297.
A global approach to noise control policy: Part 2: Occupational noise - William W. Lang and Tjeert ten Wolde: **54**(5), 298-308.
A global approach to noise control policy: Part 5: Summary of I-INCE positions - William W. Lang and Tjeert ten Wolde: **54**(5), 344-346.
A global approach to noise control policy: Part 4: Consumer product noise - William W. Lang and Tjeert ten Wolde: **54**(5), 336-343.

11 Noise-generating devices

Prediction of the noise installation effect induced by a bend at the inlet of an axial flow fan - Alain Guedel: **54**(1), 21-26.
Control of noise from a fan in a wall gas boiler - Andrea Nicolini and Mirko Filipponi: **54**(1), 41-46.
Broadband fan noise prediction using single-airfoil theory - Michel Roger, Stephane Moreau and Alain Guedel: **54**(1), 5-14.
Numerical 2-D and 3-D methods for computation of internal unsteady pressure field and near-field noise of fans - Serguei Timouchev, Jean Tourret, Goran Pavic and Andrey Aksenov: **54**(1), 15-20.
Quantification and control of noise sources in a small axial-flow fan - Jian Wang and Lixi Huang: **54**(1), 27-32.

12 Stationary noise sources

Reducing the noise emitted from a domestic clothes-drying machine - Nikola Holecak, Brane Sirok, Marko Hocevar, Rudolf Podgornik and Rok Grudnik: **54**(3), 137-145.
Investigation of air-flow fields and aeroacoustic noise in outdoor unit for split-type air conditioner - Cai-Ling Jiang, Jie Tian, Hua Ouyang, Jiang-Ping Chen and Zhi-Jiu Chen: **54**(3), 146-156.
Experimental study of noise reduction and improved cooling fan performance in PDP TV - Kyu Young Kim, Min Goo Choi, Duck Joo Lee and Wan-Ho Jeon: **54**(1), 47-55.

13 Moving noise sources

Underwater radiated noise of the NOAA ship Oscar Dyson - Michael Bahtiarian and Raymond Fischer: **54**(4), 224-235.

Noise impact assessment of an iron ore mining complex - A.K. Gorai and A.K. Pai: **54**(6), 352-359.
Assessment of heavy earth-moving machinery noise vis-à-vis routine maintenance - Harsha Vardhan, N.C. Karmakar and Y.V. Rao: **54**(2), 64-78.
Development of noise spectrum based maintenance guideline for reduction of heavy earth moving machinery noise - Harsha Vardhan and G.R. Adhikari: **54**(4), 236-244.

14 Specialized industrial machinery and equipment

Reducing noise from an oil refinery catalytic distillation column - R.D. Rawlinson, J. Alberola, P.F. Joseph and M.G. Smith: **54**(6), 360-367.

24 Sound propagation in the atmosphere

Far-field noise surveys using GPS technology - Michael Bahtiarian: **54**(2), 79-85.
A statistical description of sound propagation: A comparison of elevated and near-ground sources - Paul D. Schomer and Michael J. White: **54**(3), 157-168.

31 Barriers and screens

Development of a weatherproof windscreen for a microphone array - Jeffrey R. Hill, Jonathan D. Blotter, Timothy W. Leishman and Scott D. Sommerfeldt: **54**(3), 169-176.
Acoustic performance of a noise barrier coated with an absorptive material - M.J.C. Palma and A. Samagaio: **54**(4), 245-250.

32 Enclosures for noise sources

Vibroacoustic performance of composite honeycomb structures - Tang Wing Cheong and Lin Wei Zheng: **54**(4), 251-262.
Acoustic performance of a mult-layer close-fitting hemispherical enclosure - Seyyed M. Hasheminejad and Saeed Mehdizadeh: **54**(2), 86-100.

33 Sound isolating elements

Sound transmission loss of honeycomb sandwich panels - Shankar Rajaram, Tongan Wang and Steven Nutt: **54**(2), 106-115.
Measurement of sound transmission losses of honeycomb partitions with added gas layers - Shankar Rajaram and Steven Nutt: **54**(2), 101-105.

34 Filters, mufflers, silencers and resonators

A hybrid mathematical model for predicting the noise attenuation of rectangular baffled silencers - Michael J. Panza: **54**(6), 368-375.

35 Absorptive materials

Barometric pressure and acoustic absorption coefficient: Interactions and effect for common absorptive systems - Brandon D. Tinianov and Francis J. Babineau: **54**(2), 116-123.

36 Hearing protection devices

A different perspective on the analysis of hearing protector attenuation test data for NRR - Warwick Williams: **54**(6), 376-381.

38 Special treatments

Method of adjusting Active Noise Control system parameters for application in railway sleeping cars - J. Diaz, J. Vinolas and J.M. Egana: **54**(4), 263-270.

Global active control of energy density in a mock tractor cabin - Benjamin M. Faber and Scott D. Sommerfeldt: **54**(3), 187-193.

Structural-acoustic tailoring of metal structures by laser free-forming - John B. Fahnline, Timothy E. McDevitt, Eric J. Whitney and Dean C. Capone: **54**(2), 124-129.

Estimation of speech intelligibility for road traffic tollbooth attendants using active noise control and directional microphones - Jeffrey P. Feist, Robert J. Bernhard and Luc G. Mongeau: **54**(3), 177-186.

Active control of the blade passage frequency noise level of an axial fan with aeroacoustic sound sources - Jan Schultz, Wolfgang Neise and Michael Moser: **54**(1), 33-40.

42 Vibrating surfaces and structures

Propagation constants from the response of a finite periodic beam - Venkata R. Sonti and T.S.S. Narayana: **54**(3), 194-200.

43 Propagation in structures

Comparative evaluation of structure-borne noise transfer paths in a laboratory experiment - Akira Inoue, Seungbo Kim and Rajendra Singh: **54**(6), 382-395.

46 Vibration isolators and attenuators

Active vibration control of a structure by implementing filtered-X LMS algorithm - A. Gupta, S. Yandamuri and S.M. Kou: **54**(6), 396-405.

54 Shipboard and offshore platform noise control

Floor impact noise reduction in ship cabins by means of a floating floor - Hyun-Sil Kim, Bong-Ki Kim, Sun-Il Cha and Young-Soo Kim: **54**(6), 406-413.

71 Instrumentation for noise and vibration measurement

Proposed piezoceramic excitation for translational and rotational mobility measurements - Andrew T. Kankey, Gary H. Koopmann, Stephen A. Hambric and John B. Fahnline: **54**(4), 271-281.

72 Measurement techniques

Measuring the absorption coefficients of panels at oblique incidnece by using inverse filtered MLS signals - Pedro Cobo, Maria Cuestra, Jamine Pfretzschner, Alejandro Fernandaz and Mauuel Siguero: **54**(6), 414-419.

73 Test facilities

Qualification and performance of a reverberation chamber equipped with lightweight diffusers - Tina M. Famighetti, Kenneth A. Cunefare and Emily E. Muhlberger: **54**(3), 201-211.

75 Analytical methods

Comparison of numerical methods for noise source identification - Xiaolin Chen: **54**(6), 420-428.

79 Psychoacoustical evaluations and testing

Sound quality assessment of sewing machines - James J. Chatterly, Jonathan D. Blotter, Scott D. Sommerfeldt and Timothy W. Leishman: **54**(3), 212-220.

Author Index to Volume 54 (2006)

A

Aksenov, Andrey - Numerical 2-D and 3-D methods for computation of internal unsteady pressure field and near-field noise of fans - Serguei Timouchev, Jean Tourret, Goran Pavic and Andrey Aksenov: **54**(1), 15-20.
Alberola, J. - Reducing noise from an oil refinery catalytic distillation column - R.D. Rawlinson, J. Alberola, P.F. Joseph and M.G. Smith: **54**(6), 360-367.

B

Babineau, Francis J. - Barometric pressure and acoustic absorption coefficient: Interactions and effect for common absorptive systems - Brandon D. Tinianov and Francis J. Babineau: **54**(2), 116-123.
Bahtiarian, Michael - Underwater radiated noise of the NOAA ship Oscar Dyson - Michael Bahtiarian and Raymond Fischer: **54**(4), 224-235.
Bahtiarian, Michael - Far-field noise surveys using GPS technology - Michael Bahtiarian: **54**(2), 79-85.
Bernhard, Robert J. - Estimation of speech intelligibility for road traffic tollbooth attendants using active noise control and directional microphones - Jeffrey P. Feist, Robert J. Bernhard and Luc G. Mongeau: **54**(3), 177-186.
Blotter, Jonathan D. - Sound quality assessment of sewing machines - James J. Chatterly, Jonathan D. Blotter, Scott D. Sommerfeldt and Timothy W. Leishman: **54**(3), 212-220.
Blotter, Jonathan D. - Development of a weatherproof windscreen for a microphone array - Jeffrey R. Hill, Jonathan D. Blotter, Timothy W. Leishman and Scott D. Sommerfeldt: **54**(3), 169-176.

C

Capone, Dean C. - Structural-acoustic tailoring of metal structures by laser free-forming - John B. Fahnline, Timothy E. McDevitt, Eric J. Whitney and Dean C. Capone: **54**(2), 124-129.
Cha, Sun-Il - Floor impact noise reduction in ship cabins by means of a floating floor - Hyun-Sil Kim, Bong-Ki Kim, Sun-Il Cha and Young-Soo Kim: **54**(6), 406-413.
Chatterly, James J. - Sound quality assessment of sewing machines - James J. Chatterly, Jonathan D. Blotter, Scott D. Sommerfeldt and Timothy W. Leishman: **54**(3), 212-220.
Chen, Xiaolin - Comparison of numerical methods for noise source identification - Xiaolin Chen: **54**(6), 420-428.
Chen, Jiang-Ping - Investigation of air-flow fields and aeroacoustic noise in outdoor unit for split-type air conditioner - Cai-Ling Jiang, Jie Tian, Hua Ouyang, Jiang-Ping Chen and Zhi-Jiu Chen: **54**(3), 146-156.
Chen, Zhi-Jiu - Investigation of air-flow fields and aeroacoustic noise in outdoor unit for split-type air conditioner - Cai-Ling Jiang, Jie Tian, Hua Ouyang, Jiang-Ping Chen and Zhi-Jiu Chen: **54**(3), 146-156.
Cheong, Tang Wing - Vibroacoustic performance of composite honeycomb structures - Tang Wing Cheong and Lin Wei Zheng: **54**(4), 251-262.

Choi, Min Goo - Experimental study of noise reduction and improved cooling fan performance in PDP TV - Kyu Young Kim, Min Goo Choi, Duck Joo Lee and Wan-Ho Jeon: **54**(1), 47-55.
Cobo, Pedro - Measuring the absorption coefficients of panels at oblique incidnece by using inverse filtered MLS signals - Pedro Cobo, Maria Cuestra, Jamine Pfretzschner, Alejandro Fernandaz and Mauuel Siguero: **54**(6), 414-419.
Cuestra, Maria - Measuring the absorption coefficients of panels at oblique incidnece by using inverse filtered MLS signals - Pedro Cobo, Maria Cuestra, Jamine Pfretzschner, Alejandro Fernandaz and Mauuel Siguero: **54**(6), 414-419.
Cunefare, Kenneth A. - Qualification and performance of a reverberation chamber equipped with lightweight diffusers - Tina M. Famighetti, Kenneth A. Cunefare and Emily E. Muhlberger: **54**(3), 201-211.

D

Diaz, J. - Method of adjusting Active Noise Control system parameters for application in railway sleeping cars - J. Diaz, J. Vinolas and J.M. Egana: **54**(4), 263-270.

E

Egana, J.M. - Method of adjusting Active Noise Control system parameters for application in railway sleeping cars - J. Diaz, J. Vinolas and J.M. Egana: **54**(4), 263-270.

F

Faber, Benjamin M. - Global active control of energy density in a mock tractor cabin - Benjamin M. Faber and Scott D. Sommerfeldt: **54**(3), 187-193.
Fahnline, John B. - Structural-acoustic tailoring of metal structures by laser free-forming - John B. Fahnline, Timothy E. McDevitt, Eric J. Whitney and Dean C. Capone: **54**(2), 124-129.
Fahnline, John B. - Proposed piezoceramic excitation for translational and rotational mobility measurements - Andrew T. Kankey, Gary H. Koopmann, Stephen A. Hambric and John B. Fahnline: **54**(4), 271-281.
Famighetti, Tina M. - Qualification and performance of a reverberation chamber equipped with lightweight diffusers - Tina M. Famighetti, Kenneth A. Cunefare and Emily E. Muhlberger: **54**(3), 201-211.
Feist, Jeffrey P. - Estimation of speech intelligibility for road traffic tollbooth attendants using active noise control and directional microphones - Jeffrey P. Feist, Robert J. Bernhard and Luc G. Mongeau: **54**(3), 177-186.
Fernandaz, Alejandro - Measuring the absorption coefficients of panels at oblique incidnece by using inverse filtered MLS signals - Pedro Cobo, Maria Cuestra, Jamine Pfretzschner, Alejandro Fernandaz and Mauuel Siguero: **54**(6), 414-419.
Filipponi, Mirko - Control of noise from a fan in a wall gas boiler - Andrea Nicolini and Mirko Filipponi: **54**(1), 41-46.
Fischer, Raymond - Underwater radiated noise of the NOAA ship Oscar Dyson - Michael Bahtiarian and Raymond Fischer: **54**(4), 224-235.

G

Gorai, A.K. - Noise impact assessment of an iron ore mining complex - A.K. Gorai and A.K. Pai: **54**(6), 352-359.
Grudnik, Rok - Reducing the noise emitted from a domestic clothes-drying machine - Nikola Holecak, Brane Sirok, Marko Hocevar, Rudolf Podgornik and Rok Grudnik: **54**(3), 137-145.
Guedel, Alain - Prediction of the noise installation effect induced by a bend at the inlet of an axial flow fan - Alain Guedel: **54**(1), 21-26.
Guedel, Alain - Broadband fan noise prediction using single-airfoil theory - Michel Roger, Stephane Moreau and Alain Guedel: **54**(1), 5-14.
Gupta, A. - Active vibration control of a structure by implementing filtered-X LMS algorithm - A. Gupta, S. Yandamuri and S.M. Kou: **54**(6), 396-405.

H

Hambric, Stephen A. - Proposed piezoceramic excitation for translational and rotational mobility measurements - Andrew T. Kankey, Gary H. Koopmann, Stephen A. Hambric and John B. Fahnline: **54**(4), 271-281.
Hasheminejad, Seyyed M. - Acoustic performance of a mult-layer close-fitting hemispherical enclosure - Seyyed M. Hasheminejad and Saeed Mehdizadeh: **54**(2), 86-100.
Hill, Jeffrey R. - Development of a weatherproof windscreen for a microphone array - Jeffrey R. Hill, Jonathan D. Blotter, Timothy W. Leishman and Scott D. Sommerfeldt: **54**(3), 169-176.
Hocevar, Marko - Reducing the noise emitted from a domestic clothes-drying machine - Nikola Holecak, Brane Sirok, Marko Hocevar, Rudolf Podgornik and Rok Grudnik: **54**(3), 137-145.
Holecak, Nikola - Reducing the noise emitted from a domestic clothes-drying machine - Nikola Holecak, Brane Sirok, Marko Hocevar, Rudolf Podgornik and Rok Grudnik: **54**(3), 137-145.
Huang, Lixi - Quantification and control of noise sources in a small axial-flow fan - Jian Wang and Lixi Huang: **54**(1), 27-32.

I

Inoue, Akira - Comparative evaluation of structure-borne noise transfer paths in a laboratory experiment - Akira Inoue, Seungbo Kim and Rajendra Singh: **54**(6), 382-395.

J

Jeon, Wan-Ho - Experimental study of noise reduction and improved cooling fan performance in PDP TV - Kyu Young Kim, Min Goo Choi, Duck Joo Lee and Wan-Ho Jeon: **54**(1), 47-55.
Jiang, Cai-Ling - Investigation of air-flow fields and aeroacoustic noise in outdoor unit for split-type air conditioner - Cai-Ling Jiang, Jie Tian, Hua Ouyang, Jiang-Ping Chen and Zhi-Jiu Chen: **54**(3), 146-156.
Joseph, P.F. - Reducing noise from an oil refinery catalytic distillation column - R.D. Rawlinson, J. Alberola, P.F. Joseph and M.G. Smith: **54**(6), 360-367.

K

Kankey, Andrew T. - Proposed piezoceramic excitation for translational and rotational mobility measurements - Andrew T. Kankey, Gary H. Koopmann, Stephen A. Hambric and John B. Fahnline: **54**(4), 271-281.

Karmakar, N.C. - Assessment of heavy earth-moving machinery noise vis-à-vis routine maintenance - Harsha Vardhan, N.C. Karmakar and Y.V. Rao: **54**(2), 64-78.

Kim, Kyu Young - Experimental study of noise reduction and improved cooling fan performance in PDP TV - Kyu Young Kim, Min Goo Choi, Duck Joo Lee and Wan-Ho Jeon: **54**(1), 47-55.

Kim, Hyun-Sil - Floor impact noise reduction in ship cabins by means of a floating floor - Hyun-Sil Kim, Bong-Ki Kim, Sun-Il Cha and Young-Soo Kim: **54**(6), 406-413.

Kim, Seungbo - Comparative evaluation of structure-borne noise transfer paths in a laboratory experiment - Akira Inoue, Seungbo Kim and Rajendra Singh: **54**(6), 382-395.

Kim, Bong-Ki - Floor impact noise reduction in ship cabins by means of a floating floor - Hyun-Sil Kim, Bong-Ki Kim, Sun-Il Cha and Young-Soo Kim: **54**(6), 406-413.

Kim, Young-Soo - Floor impact noise reduction in ship cabins by means of a floating floor - Hyun-Sil Kim, Bong-Ki Kim, Sun-Il Cha and Young-Soo Kim: **54**(6), 406-413.

Koopmann, Gary H. - Proposed piezoceramic excitation for translational and rotational mobility measurements - Andrew T. Kankey, Gary H. Koopmann, Stephen A. Hambric and John B. Fahnline: **54**(4), 271-281.

Kou, S.M. - Active vibration control of a structure by implementing filtered-X LMS algorithm - A. Gupta, S. Yandamuri and S.M. Kou: **54**(6), 396-405.

L

Lang, William W. - A global approach to noise control policy: Part 3:Community noise - William W. Lang and Tjeert ten Wolde: **54**(5), 309-335.

Lang, William W. - A global approach to noise control policy: Part 1: General - William W. Lang and Tjeert ten Wolde: **54**(5), 290-297.

Lang, William W. - A global approach to noise control policy: Part 2: Occupational noise - William W. Lang and Tjeert ten Wolde: **54**(5), 298-308.

Lang, William W. - A global approach to noise control policy: Part 5: Summary of I-INCE positions - William W. Lang and Tjeert ten Wolde: **54**(5), 344-346.

Lang, William W. - A global approach to noise control policy: Part 4: Consumer product noise - William W. Lang and Tjeert ten Wolde: **54**(5), 336-343.

Lee, Duck Joo - Experimental study of noise reduction and improved cooling fan performance in PDP TV - Kyu Young Kim, Min Goo Choi, Duck Joo Lee and Wan-Ho Jeon: **54**(1), 47-55.

Leishman, Timothy W. - Development of a weatherproof windscreen for a microphone array - Jeffrey R. Hill, Jonathan D. Blotter, Timothy W. Leishman and Scott D. Sommerfeldt: **54**(3), 169-176.

Leishman, Timothy W. - Sound quality assessment of sewing machines - James J. Chatterly, Jonathan D. Blotter, Scott D. Sommerfeldt and Timothy W. Leishman: **54**(3), 212-220.

M

McDevitt, Timothy E. - Structural-acoustic tailoring of metal structures by laser free-forming - John B. Fahnline, Timothy E. McDevitt, Eric J. Whitney and Dean C. Capone: **54**(2), 124-129.
Mehdizadeh, Saeed - Acoustic performance of a mult-layer close-fitting hemispherical enclosure - Seyyed M. Hasheminejad and Saeed Mehdizadeh: **54**(2), 86-100.
Mongeau, Luc G. - Estimation of speech intelligibility for road traffic tollbooth attendants using active noise control and directional microphones - Jeffrey P. Feist. Robert J. Bernhard and Luc G. Mongeau: **54**(3), 177-186.
Moreau, Stephane - Broadband fan noise prediction using single-airfoil theory - Michel Roger, Stephane Moreau and Alain Guedel: **54**(1), 5-14.
Moser, Michael - Active control of the blade passage frequency noise level of an axial fan with aeroacoustic sound sources - Jan Schultz, Wolfgang Neise and Michael Moser: **54**(1), 33-40.
Muhlberger, Emily E. - Qualification and performance of a reverberation chamber equipped with lightweight diffusers - Tina M. Famighetti, Kenneth A. Cunefare and Emily E. Muhlberger: **54**(3), 201-211.

N

Narayana, T.S.S. - Propagation constants from the response of a finite periodic beam - Venkata R. Sonti and T.S.S. Narayana: **54**(3), 194-200.
Neise, Wolfgang - Active control of the blade passage frequency noise level of an axial fan with aeroacoustic sound sources - Jan Schultz, Wolfgang Neise and Michael Moser: **54**(1), 33-40.
Nicolini, Andrea - Control of noise from a fan in a wall gas boiler - Andrea Nicolini and Mirko Filipponi: **54**(1), 41-46.
Nutt, Steven - Measurement of sound transmission losses of honeycomb partitions with added gas layers - Shankar Rajaram and Steven Nutt: **54**(2), 101-105.
Nutt, Steven - Sound transmission loss of honeycomb sandwich panels - Shankar Rajaram, Tongan Wang and Steven Nutt: **54**(2), 106-115.

O

Ouyang, Hua - Investigation of air-flow fields and aeroacoustic noise in outdoor unit for split-type air conditioner - Cai-Ling Jiang, Jie Tian, Hua Ouyang, Jiang-Ping Chen and Zhi-Jiu Chen: **54**(3), 146-156.

P

Pai, A.K. - Noise impact assessment of an iron ore mining complex - A.K. Gorai and A.K. Pai: **54**(6), 352-359.
Palma, M.J.C. - Acoustic performance of a noise barrier coated with an absorptive material - M.J.C. Palma and A. Samagaio: **54**(4), 245-250.
Panza, Michael J. - A hybrid mathematical model for predicting the noise attenuation of rectangular baffled silencers - Michael J. Panza: **54**(6), 368-375.
Pavic, Goran - Numerical 2-D and 3-D methods for computation of internal unsteady pressure field and near-field noise of fans - Serguei Timouchev, Jean Tourret, Goran Pavic and Andrey Aksenov: **54**(1), 15-20.

Pfretzschner, Jamine - Measuring the absorption coefficients of panels at oblique incidnece by using inverse filtered MLS signals - Pedro Cobo, Maria Cuestra, Jamine Pfretzschner, Alejandro Fernandaz and Mauuel Siguero: **54**(6), 414-419.
Podgornik, Rudolf - Reducing the noise emitted from a domestic clothes-drying machine - Nikola Holecak, Brane Sirok, Marko Hocevar, Rudolf Podgornik and Rok Grudnik: **54**(3), 137-145.

R

Rajaram, Shankar - Sound transmission loss of honeycomb sandwich panels - Shankar Rajaram, Tongan Wang and Steven Nutt: **54**(2), 106-115.
Rajaram, Shankar - Measurement of sound transmission losses of honeycomb partitions with added gas layers - Shankar Rajaram and Steven Nutt: **54**(2), 101-105.
Rao, Y.V. - Assessment of heavy earth-moving machinery noise vis-à-vis routine maintenance - Harsha Vardhan, N.C. Karmakar and Y.V. Rao: **54**(2), 64-78.
Rawlinson, R.D. - Reducing noise from an oil refinery catalytic distillation column - R.D. Rawlinson, J. Alberola, P.F. Joseph and M.G. Smith: **54**(6), 360-367.
Roger, Michel - Broadband fan noise prediction using single-airfoil theory - Michel Roger, Stephane Moreau and Alain Guedel: **54**(1), 5-14.

S

Samagaio, A. - Acoustic performance of a noise barrier coated with an absorptive material - M.J.C. Palma and A. Samagaio: **54**(4), 245-250.
Schomer, Paul D. - A statistical description of sound propagation: A comparison of elevated and near-ground sources - Paul D. Schomer and Michael J. White: **54**(3), 157-168.
Schultz, Jan - Active control of the blade passage frequency noise level of an axial fan with aeroacoustic sound sources - Jan Schultz, Wolfgang Neise and Michael Moser: **54**(1), 33-40.
Siguero, Mauuel - Measuring the absorption coefficients of panels at oblique incidnece by using inverse filtered MLS signals - Pedro Cobo, Maria Cuestra, Jamine Pfretzschner, Alejandro Fernandaz and Mauuel Siguero: **54**(6), 414-419.
Singh, Rajendra - Comparative evaluation of structure-borne noise transfer paths in a laboratory experiment - Akira Inoue, Seungbo Kim and Rajendra Singh: **54**(6), 382-395.
Sirok, Brane - Reducing the noise emitted from a domestic clothes-drying machine - Nikola Holecak, Brane Sirok, Marko Hocevar, Rudolf Podgornik and Rok Grudnik: **54**(3), 137-145.
Smith, M.G. - Reducing noise from an oil refinery catalytic distillation column - R.D. Rawlinson, J. Alberola, P.F. Joseph and M.G. Smith: **54**(6), 360-367.
Sommerfeldt, Scott D. - Global active control of energy density in a mock tractor cabin - Benjamin M. Faber and Scott D. Sommerfeldt: **54**(3), 187-193.
Sommerfeldt, Scott D. - Sound quality assessment of sewing machines - James J. Chatterly, Jonathan D. Blotter, Scott D. Sommerfeldt and Timothy W. Leishman: **54**(3), 212-220.
Sommerfeldt, Scott D. - Development of a weatherproof windscreen for a microphone array - Jeffrey R. Hill. Jonathan D. Blotter, Timothy W. Leishman and Scott D. Sommerfeldt: **54**(3), 169-176.

Sonti, Venkata R. - Propagation constants from the response of a finite periodic beam - Venkata R. Sonti and T.S.S. Narayana: **54**(3), 194-200.

T

ten Wolde, Tjeert - A global approach to noise control policy: Part 3:Community noise - William W. Lang and Tjeert ten Wolde: **54**(5), 309-335.
ten Wolde, Tjeert - A global approach to noise control policy: Part 1: General - William W. Lang and Tjeert ten Wolde: **54**(5), 290-297.
ten Wolde, Tjeert - A global approach to noise control policy: Part 2: Occupational noise - William W. Lang and Tjeert ten Wolde: **54**(5), 298-308.
ten Wolde, Tjeert - A global approach to noise control policy: Part 5: Summary of I-INCE positions - William W. Lang and Tjeert ten Wolde: **54**(5), 344-346.
ten Wolde, Tjeert - A global approach to noise control policy: Part 4: Consumer product noise - William W. Lang and Tjeert ten Wolde: **54**(5), 336-343.
Tian, Jie - Investigation of air-flow fields and aeroacoustic noise in outdoor unit for split-type air conditioner - Cai-Ling Jiang, Jie Tian, Hua Ouyang, Jiang-Ping Chen and Zhi-Jiu Chen: **54**(3), 146-156.
Timouchev, Serguei - Numerical 2-D and 3-D methods for computation of internal unsteady pressure field and near-field noise of fans - Serguei Timouchev, Jean Tourret, Goran Pavic and Andrey Aksenov: **54**(1), 15-20.
Tinianov, Brandon D. - Barometric pressure and acoustic absorption coefficient: Interactions and effect for common absorptive systems - Brandon D. Tinianov and Francis J. Babineau: **54**(2), 116-123.
Tocci, Gregory C. - SOUND IDEAS: Acoustical Consulting at BBN and Acentech by Deborah Malone and Eric W. Wood - Gregory C. Tocci: **54**(1), 56-57.
Tourret, Jean - Numerical 2-D and 3-D methods for computation of internal unsteady pressure field and near-field noise of fans - Serguei Timouchev, Jean Tourret, Goran Pavic and Andrey Aksenov: **54**(1), 15-20.

V

Vardhan, Harsha - Assessment of heavy earth-moving machinery noise vis-à-vis routine maintenance - Harsha Vardhan, N.C. Karmakar and Y.V. Rao: **54**(2), 64-78.
Vardhan, Harsha - Development of noise spectrum based maintenance guideline for reduction of heavy earth moving machinery noise - Harsha Vardhan and G.R. Adhikari: **54**(4), 236-244.
Vardhan, Harsha - Development of noise spectrum based maintenance guideline for reduction of heavy earth moving machinery noise - Harsha Vardhan and G.R. Adhikari: **54**(4), 236-244.
Vinolas, J. - Method of adjusting Active Noise Control system parameters for application in railway sleeping cars - J. Diaz, J. Vinolas and J.M. Egana: **54**(4), 263-270.

W

Walters, Honey L. - Vibration and Sound by Philip M. Morse - Honey L. Walters: **54**(1), 58.
Wang, Jian - Quantification and control of noise sources in a small axial-flow fan - Jian Wang and Lixi Huang: **54**(1), 27-32.

Wang, Tongan - Sound transmission loss of honeycomb sandwich panels - Shankar Rajaram, Tongan Wang and Steven Nutt: **54**(2), 106-115.
White, Michael J. - A statistical description of sound propagation: A comparison of elevated and near-ground sources - Paul D. Schomer and Michael J. White: **54**(3), 157-168.
Whitney, Eric J. - Structural-acoustic tailoring of metal structures by laser free-forming - John B. Fahnline, Timothy E. McDevitt, Eric J. Whitney and Dean C. Capone: **54**(2), 124-129.
Williams, Warwick - A different perspective on the analysis of hearing protector attenuation test data for NRR - Warwick Williams: **54**(6), 376-381.

Y

Yandamuri, S. - Active vibration control of a structure by implementing filtered-X LMS algorithm - A. Gupta, S. Yandamuri and S.M. Kou: **54**(6), 396-405.

Z

Zheng, Lin Wei - Vibroacoustic performance of composite honeycomb structures - Tang Wing Cheong and Lin Wei Zheng: **54**(4), 251-262.